

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented): A lithium secondary battery comprising at least a positive electrode, a negative electrode, and a non-aqueous electrolyte in a battery case in which a positive electrode connecting member to which the positive electrode is connected and a negative electrode connecting member to which the negative electrode is connected are electrically separated,

wherein said positive electrode connecting member is composed of clad material comprising (1) one of aluminum and aluminum alloy and (2) one of austenitic stainless steel and ferrite stainless steel, and the aluminum or aluminum alloy in the clad material is on the positive electrode side.

2. (Original): The lithium secondary battery according to claim 1, wherein the aluminum alloy in said clad material is aluminum-manganese alloy.

3. (Original): The lithium secondary battery according to claim 1, wherein a nickel plating layer is formed on the austenitic stainless steel or the ferrite stainless steel in said clad material.

4. (Previously Presented): The lithium secondary battery according to claim 1, wherein

the austenitic stainless steel in said clad material is at least one member selected from a group consisting of SUS316L, SUS316, SUS304L, and SUS304.

5. (Previously Presented): The lithium secondary battery according to claim 1, wherein

the ferrite stainless steel in said clad material is at least one member selected from the group consisting of SUS430 and SUS434.

6. (Previously Presented): The lithium secondary battery according to claim 1, wherein

a positive electrode material in said positive electrode is at least one member selected from the group consisting of cobalt-lithium oxide, nickel-lithium oxide, and manganese-lithium oxide having spinel structure.

7-11. (Canceled)

12. (Currently Amended): ~~The lithium secondary battery according to claim 7,~~
~~wherein A lithium secondary battery provided with a positive electrode in which positive~~
~~electrode material is adhered to a positive electrode current collector, a negative electrode,~~
~~and a non-aqueous electrolyte, wherein~~

said positive electrode current collector consists of an aluminum alloy
containing 0.1 to 10 wt% of manganese and has a space member,
wherein an aluminum alloy used as said positive electrode current collector contains zinc
in addition to said manganese.

13. (Currently Amended): ~~The lithium secondary battery according to claim 7,~~
~~wherein A lithium secondary battery provided with a positive electrode in which positive~~
~~electrode material is adhered to a positive electrode current collector, a negative electrode,~~
~~and a non-aqueous electrolyte, wherein~~
said positive electrode current collector consists of an aluminum alloy
containing 0.1 to 10 wt% of manganese and has a space member,
wherein an aluminum alloy used as said positive electrode current collector contains
copper in addition to said manganese.